[Claims only, .as requested]

Translated from Japanese by the Ralph McElroy Co., Custom Division P.O. Box 4828, Austin, Texas 78765 USA

Code: 282-54105

## JAPANESE PATENT OFFICE PATENT JOURNAL

KOKAI PATENT APPLICATION NO. SHO 49[1974]-102647

Japanese Cl.:

16 C86
16 E311
16 E41
30 B0
30 B4
30 B5
13(9)G1
13(9)G411

Sequence Nos. for Office Use: 6742 43 7192 44

6518 4A 6518 4A

Application No.: Sho 48[1973]-17417

Application Date: February 14, 1973

Publication Date: September 27, 1974

No. of Inventions: (Total of 10 pages)

Examination Request: Not requested

METHOD FOR THE MANUFACTURE OF PROSTAGLANDIN COMPOUNDS

Inventors:

Masaki Hayashi 32-408 Nanpeidai Takatsuki, Osaka

Hajimu Mitake 379 Oaza Higashi Suita, Osaka

Yoshinobu Arai 6-13-28 Honmachi Toyonaka, Osaka

Fusako Tanouchi 37-4 Towacho Takatsuki, Osaka

Applicant:

Ono Yakuhin Kogyo K.K. 2-14 Toshomachi Higashiku, Osaka Osaka

Agents:

Akira Akata, patent attorney

[Amendments have been incorporated into the text of the translation]

## Claim

Method for the manufacture of prostaglandin compounds represented by the general formula,

from alicyclic esters of the general formula,

by hydrolysis under acidic and also basic conditions in any order, wherein, in the general formulas,  $R_1$  represents 2-tetrahydropyranyl, 2-tetrahydrofuranyl, or a 1-ethoxyethyl group;  $R_2$  represents an acyl group;  $R_3$  represents a lower alkyl group;  $R_4$  represents a n-pentyl, n-hexyl, or n-heptyl group; X and Y represent  $-CH_2CH_2-$  or -CH=CH-.